

**Amendments to the Specification:**

Please replace the paragraph beginning at page 5, line 15, with the following rewritten paragraph:

-- The method of venting the air in furnaces according to the foregoing description results in a blower design that eliminates the need for an auxiliary fan (not shown) attached to shaft 14. In this method there is at least one hole or aperture 32 situated anywhere in a motor case or housing 10 that allows for air to enter the housing 10 to cool the bearings (not shown) of the motor 12 and the motor 12 itself in the motor case 10. The warm air flows across and around the motor 2 in the direction of the impeller housing 28 and through an inlet port 41 in the impeller housing 28. The air then flows through at least one any size hole or aperture 36 located on the back plate 42 of the impeller 30 from the motor case 10 by rotation of the impeller 30. The exhaust air from the furnace is drawn in through an exhaust gas inlet 43 by the impeller 30 and is directed out of the outlet pipe 40 connected to the impeller housing 28. --